

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-255029

(43)Date of publication of application : 05.10.1993

(51)Int.CI.

A61K 6/00
A61K 6/033
A61K 33/00
A61K 33/06
A61K 33/14
A61K 33/16
A61K 33/24
A61K 33/26
A61K 33/32
A61K 33/42
// (A61K 33/42
A61K 33:16
A61K 33:14)

(21)Application number : 04-086568

(71)Applicant : G C:KK

(22)Date of filing : 11.03.1992

(72)Inventor : IMAI YOJI
ISHIHARA YOKO

(54) COMPOSITION FOR TREATING TOOTH PLANE

(57)Abstract:

PURPOSE: To obtain a composition for treating tooth planes, usable as a relieving material for hyperesthesia, a primer for coating treatment or a root canal filler in dental treatment with no irritancy, excellent in acid resistance and having long persistence of effects on dentinal tubule sealing.

CONSTITUTION: The objective composition is composed of two solutions (A) and (B) containing a substance capable of rapidly producing fluoroapatite by mixing both and capable of forming the fluoroapatite better in acid resistance than that of hydroapatite by successively coating the solutions (A) and (B) on tooth planes and sealing the interior of slender tubules or apical foramen of the root canal. Furthermore, the solution (A) mainly contains (a) a water-soluble phosphate such as sodium phosphate or potassium phosphate at 1-30wt.% concentration and (b) a water-soluble fluoride such as NaF or KF at 0.01-5wt.% concentration and the solution (B) mainly contains a water-soluble calcium salt such as CaCl₂ at 1-30wt.% concentration. A surfactant having no damaging action on the solution (A) and/or the solution (B) in an amount of 0.0005-1wt.% may further be added.

LEGAL STATUS

[Date of request for examination] 01.12.1998

[Date of sending the examiner's decision of rejection] 04.03.2003

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]